

OMEN 50-50

FOR APPLICATION ONLY BY PUBLIC HEALTH OFFICIALS AND TRAINED PERSONNEL OF MOSQUITO ABATEMENT DISTRICTS AND OTHER MOSQUITO CONTROL PROGRAMS

- * CONTAINS AN ALL-TEMPERATURE, QUICK KNOCKDOWN, LOW ODOR, NON-CORROSIVE SYNERGIZED SYNTHETIC PYRETHROID
- * FOR CONTROL OF ADULT MOSQUITOES IN RESIDENTIAL AND RECREATIONAL AREAS
- * FOR USE AGAINST BITING AND NON-BITING MIDGES AND BLACK FLIES
- * CONTAINS 4.35 LBS. TECHNICAL PERMETHRIN A.I.
- * CONTAINS 4.35 LBS. TECHNICAL PIPERONYL BUTOXIDE A.I.

ACTIVE INGREDIENTS:

Permethrin (3-Phenoxyphenyl)methyl (+/-) Cis/trans-3-(2,2-dichloroethyl)-2, 2-dimethyl cyclopropanecarboxylate*	47.63%
Piperonyl Butoxide Technical**	47.63%
OTHER INGREDIENTS†:	<u>4.74%</u>
TOTAL:	100.0%

*cis/trans isomer ratio: min. 35%(+/-) cis and max. 65% (+/-) trans.

**Equivalent to min. 38.10% (butylcarbityl (6-propylpiperonyl) ether and 9.53% related compounds.

EPA Reg. No. 432-1236

EPA Est. No.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Si usted no entiende la etiqueta, busque algien para que se la explique a usted en detalle (If you do not understand the label get someone to explain it to you in detail).

ACCEPTED

OCT 16 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 432-1236

Physical And Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

THERMAL AEROSOL FOGGING

TRUCK-MOUNTED: Apply Omen 50-50 with suitable thermal fogging equipment diluted with a 100 second viscosity mineral oil or another suitable non-phytotoxic diluent. Do not exceed the maximum rate. May be applied at speeds of 5 mph up to 20 mph. For use with hand carried and/or lawn foggers, apply at rates up to but not exceeding 0.007 lbs A.I. per acre. Do not wet foliage since certain oil base formulations may be phytotoxic. Do not fog when wind conditions exceed 5 mph. Use a clean well-maintained and properly calibrated fogger. Fog downwind. Apply Omen 50-50 to deliver the following amounts, (within the range of 0.001 to 0.007) of active ingredient per acre (0.001 to 0.007 lbs Permethrin A.I. per acre + 0.001 to 0.007 lbs Piperonyl Butoxide A.I. per acre.)

NON-THERMAL AEROSOL (COLD FOG)

Omen 50-50 may be applied undiluted or diluted with refined soybean oil, light mineral oil, or another suitable non-phytotoxic diluent. Omen 50-50 is recommended for application as an Ultra Low Volume (ULV) non-thermal aerosol. Use (Cold Fog) to control adult mosquitoes on residential and recreational areas where these insects are a problems such as, but not limited parks, campsites, woodlands, athletic fields, golf courses, residential areas and municipalities, gardens, playgrounds, recreational areas and overgrown waste areas.

To control *Mosquitoes, Midges, and Black flies:* Apply Omen 50-50 using any standard ULV ground applicator capable of producing a non-thermal aerosol spray with droplets ranging in size from 5-30 microns and a mass median diameter (MMD) of 10-20 microns. Apply the product to deliver 0.001 to 0.007 pound of Permethrin and Piperonyl Butoxide per acre. Vary flow rate according to vegetation density and mosquito population. Use higher flow rate in heavy vegetation or when populations are high. An accurate flow meter must be used to ensure the proper flow rate. Do not apply this product within 100 feet (30 meters) of lakes and streams. Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. For best results, treat when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground, i.e., cool temperatures and wind speed not greater than 10 mph. Applications during the cool hours of the night or early morning is preferable. Repeat treatment as needed.

AS A BARRIER SPRAY USE A "BACKPACK" ULV UNIT

Omen 50-50 may be applied as is, undiluted or diluted using a vegetable oil or other suitable non-phytotoxic diluent. For use in non-thermal ULV portable backpack equipment apply Omen 50-50 with apparatus adjusted to deliver ULV particles of 50-100 microns mass median diameter. Use 0.1 lb A.I./acre as a 50 ft (15.2 m) swath while walking at a speed of 2 mph (3.2 kph). Whether applied undiluted or diluted make sure that the same amount of A.I. (0.1 lb) is applied per acre.

AERIAL APPLICATION

The use of specially designed aircraft capable of applying ULV of Omen 50-50 at above recommended rates on the label may be considered necessary when conducted at the discretion of Public Health Officials, Mosquito Abatement Districts and other trained personnel engaged in Outdoor Mosquito and Biting Fly Control Programs when these insects threaten to become a public health hazard.

PROHIBITION ON AERIAL USE IN FLORIDA: Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store product in its original container in a cool, dry, locked place designated for such insecticides and out of reach of children. Avoid exposure to extreme temperatures. In case of spillage, soak up with absorbent material such as sawdust, or fullers earth, sweep up and place in a labeled container and dispose of as follows:

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: (Metal) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and Local procedures. (Plastic) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Bayer Environmental Science. All such risks shall be assumed by the user or buyer.

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